

In the claims:

1.-16. (Cancelled).

17.-26. (Withdrawn)

27. (Currently Amended) A method comprising:

- (a) providing a sample comprising nucleic acid molecules present in a biological sample obtained from a patient;
- (b) contacting the sample with either a probe comprising at least 15 contiguous nucleotides of the nucleotide sequence of ~~SEQ ID NO:6~~ SEQ ID NO:1, the probe comprising at least one of:
 - (i) nucleotide 1066 wherein N is C;
 - (ii) nucleotide 1136 wherein N is G;
 - (iii) nucleotide 1497 wherein N is A;

or the complement thereof; and

- (c) determining if the sample comprises a nucleic acid molecule that hybridizes to the probe.

28.-37. (Withdrawn)

38. (Currently Amended) A method comprising:

- (a) providing a sample comprising nucleic acid molecules present in a biological sample obtained from a patient;
- (b) contacting the sample with either a probe comprising at least 15 contiguous nucleotides of the nucleotide sequence of ~~SEQ ID NO:7~~ SEQ ID NO:2, the probe comprising at least one of:
 - (i) nucleotide 276 wherein N is T;
 - (ii) nucleotide 321 wherein N is C;
 - (iii) nucleotide 452 wherein N is A;
 - (iv) C is inserted after nucleotide 457;
 - (v) nucleotide 491 wherein N is A;
 - (vi) nucleotide 533 wherein N is C;
 - (vii) nucleotide 624 wherein N is C;
 - (viii) nucleotide 639 wherein N is G;
 - (ixi) nucleotide 655 wherein N is C;

or the complement thereof; and

- (c) determining if the sample comprises a nucleic acid molecule that hybridizes to the probe.

39.-48. (Withdrawn)

49. (Currently Amended) A method comprising:
- (a) providing a sample comprising nucleic acid molecules present in a biological sample obtained from a patient;
- (b) contacting the sample with either a probe comprising at least 15 contiguous nucleotides of the nucleotide sequence of ~~SEQ ID NO:8~~ SEQ ID NO:3, the probe comprising at least one of:
- (i) nucleotide 701 wherein N is C;
 - (ii) nucleotide 716 wherein N is G;
 - (iii) nucleotide 732 wherein N is C;
 - (iv) nucleotide 1293 wherein N is G;
 - (v) nucleotide 1322 wherein N is G;
 - (vi) nucleotide 1379 wherein N is C;
 - (vii) nucleotide 1590 wherein N is T;
 - (viii) nucleotide 1688 wherein N is G;
 - (ix) nucleotide 2401 wherein N is G;
 - (x) nucleotide 2429 wherein N is A;
 - (xi) nucleotide 2488 wherein N is T;
 - (xii) nucleotide 2594 wherein N is T;
 - (xiii) nucleotide 2618 wherein N is A;
 - (xiv) nucleotide 3083 wherein N is A;
 - (xv) nucleotide 3125 wherein N is A;
 - (xvi) nucleotide 3212 wherein N is T;
 - (xvii) nucleotide 3619 wherein N is A;
 - (xviii) nucleotide 3635 wherein N is A;
 - (xix) nucleotide 4256 wherein N is A;
 - (xx) nucleotide 4898 wherein N is G;
 - (xxi) nucleotide 5006 wherein N is T;
 - (xxii) nucleotide 5062 wherein N is A;
 - (xxiii) nucleotide 5167 wherein N is A;
 - (xxiv) nucleotide 11069 wherein N is G;
 - (xxv) nucleotide 11238 wherein N is T;
 - (xxvi) nucleotide 11293 wherein N is G;
 - (xxvii) nucleotide 11422 wherein N is C;
 - (xxviii) nucleotide 11686 wherein N is T;
 - (xxix) nucleotide 12598 wherein N is C;
 - (xxx) nucleotide 13171 wherein N is C;
 - (xxxi) nucleotide 13298 wherein N is A;
 - (xxxii) nucleotide 13645 wherein N is C;
 - (xxxiii) nucleotide 13751 wherein N is A;
 - (xxxiv) nucleotide 13782 wherein N is C;
 - (xxxv) nucleotide 13806 wherein N is C;
 - (xxxvi) nucleotide 13813 wherein N is C;
 - (xxxvii) nucleotide 14479 wherein N is G;

- (xxxviii) T is inserted after nucleotide 14546;
- (xxxix) nucleotide 14585 wherein N is T;
- (xl) nucleotide 14729 wherein N is A;
- (xli) nucleotide 14787 wherein N is T;
- (xlii) nucleotide 14795 wherein N is A;
- (xliii) nucleotide 15041 wherein N is C;
- (xliv) nucleotide 15343 wherein N is A;
- (xlv) nucleotide 15449 wherein N is A;
- (xlvi) nucleotide 15502 wherein N is A;
- (xlvii) nucleotide 15545 wherein N is T;
- (xlvii) nucleotide 15589 wherein N is G;
- (xlix) nucleotide 15769 wherein N is T;
- (l) nucleotide 15839 wherein N is G;
- (li) nucleotide 16148 wherein N is A;
- (lii) nucleotide 16198 wherein N is G; and
- (liii) nucleotide 16202 wherein N is T

or the complement thereof; and

(c) determining if the sample comprises a nucleic acid molecule that hybridizes to the probe.